

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD OF PRODUCING HYBRID METAL/CERAMICCOMPOSITES AND RESULTANT PRODUCTS

the specification of which

(check one)

☒

is attached hereto.

☐

was filed on \_\_\_\_\_ as

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	[ ]	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	[ ]	[ ]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	[ ]	[ ]

I hereby claim the benefit under 35 USC 119(d) of any United States Provisional application(s) listed below.

_____ (Application Serial No.)	_____ (Filing Date)	_____ Status (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ Status (patented, pending, abandoned)

T041807 E496266

**SECRET**

(Application Serial No.)	(Filing Date)	Status (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	Status (patented, pending, abandoned)

## POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) jointly and severally to prosecute this application and transact all business in the Patent and Trademark Office connected therewith and to file any and all International Application(s) with respect thereto and to act on my behalf before the competent International Authorities with respect thereto:

**John L. Sigalos (Reg. No. 19,043)**

**Send Correspondence to:**

**John L. Sigalos**  
**Carillon Towers**  
**13601 Preston Road, Suite 402W**  
**Dallas, TX 75240**

**Direct Telephone Calls to:**

**John L. Sigalos**  
**Telephone: (972) 770-0024**  
**Facsimile: (972) 770-0028**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Stuart T. Schwab

Inventor's signature \_\_\_\_\_

Residence Albuquerque, New Mexico \_\_\_\_\_ Date \_\_\_\_\_

Citizenship USA \_\_\_\_\_

Post Office Address 11201 Spyglass Hill Lane NE Albuquerque, NM 87111

Full name of second joint inventor Thomas W. Hardek

Second Inventor's signature \_\_\_\_\_

Residence Jemez Springs, New Mexico \_\_\_\_\_ Date \_\_\_\_\_

Citizenship USA \_\_\_\_\_

Post Office Address 123 Mimbres Way Jemez Springs, NM 87025

Full name of third joint inventor Joel D. Katz

Second Inventor's signature \_\_\_\_\_

Residence Los Alamos, New Mexico \_\_\_\_\_ Date \_\_\_\_\_

Citizenship USA \_\_\_\_\_

Post Office Address 370 Briston Place Los Alamos, NM 87544

**Docket Number (Optional)**  
T36-201-010

**(Signature)**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**ASSIGNMENT OF APPLICATION****AND  
INVENTION****Docket Number (Optional)**

T36-201-010

Whereas, I, THOMAS W. HARDEK of 123 MIMBRES WAY JEMEZ SPRINGS, NM 87025, hereafter  
 referred to as ASSIGNOR have invented certain new and useful improvements in METHOD OF  
PRODUCING HYBRID METAL/CERAMIC COMPOSITES AND RESULTANT PRODUCTS

☒ for which an application for a United States Patent was filed on AUGUST 14, 2001,  
 Application Number                      /                     .

☐ for which an application for a United States Patent was executed on                     , and

Whereas, THOR TECHNOLOGIES, INC of ALBUQUERQUE, NM herein referred to  
 "assignee" whose post office address is LRRI/SOUTH BLDG. 9200, AREA Y  
KIRKLAND AFB-EAST, ALBUQUERQUE, NM is de-  
87115

sirous of acquiring the entire right, title and interest in the same; AND OTHER GOOD AND VALUABLE

Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00 ), the receipt whereof is ac-  
 knowledged, and other good and valuable consideration, I, the ASSIGNOR

by these presents do sell, assign  
 and transfer unto said assignee the full and exclusive right to the said invention in the United States and the  
 entire right, title and interest in and to any and all Patents which may be granted therefor in the United States.  
 I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States  
 Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;  
 and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may  
 be granted, as fully and entirely as the same would have been held by me had this assignment and sale not  
 been made.

Executed this                      day of                     , 19                     

at                     

\_\_\_\_\_  
 (Signature)

**Docket Number (Optional)**  
T36-201-010

Whereas, I, JOEL D. KATZ of 370 BRISTON PLACE  
LOS ALAMOS, NM 87544, hereafter  
referred to as ASSIGNOR have invented certain new and useful improvements in METHOD OF  
PRODUCING HYBRID METAL/CERAMIC COMPOSITES AND RESULTANT PRODUCTS

☒ for which an application for a United States Patent was filed on AUGUST 14, 2001  
Application Number                      /                     .

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

Whereas, THOR TECHNOLOGIES, INC of ALBUQUERQUE, NM herein referred to  
"assignee" whose post office address is LRRI/SOUTH BLDG. 9200, AREA Y  
KIRKLAND AFB-EAST, ALBUQUERQUE, NM is de-  
siring of acquiring the entire right, title and interest in the same; 87115 AND OTHER GOOD AND VALUABLE  
Now, therefore, in consideration of the sum of ONE dollars (\$ 1.00), the receipt whereof is ac-  
knowledged, and other good and valuable consideration, I, the ASSIGNOR by these presents do sell, assign  
and transfer unto said assignee the full and exclusive right to the said invention in the United States and the  
entire right, title and interest in and to any and all Patents which may be granted therefor in the United States,  
I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States  
Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;  
and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may  
be granted, as fully and entirely as the same would have been held by me had this assignment and sale not  
been made.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was significantly higher than the number of incorrect responses for all groups. The number of correct responses was significantly higher than the number of incorrect responses for all groups. The number of correct responses was significantly higher than the number of incorrect responses for all groups.

**(Signature)**